



COMMONWEALTH of VIRGINIA

Department of Health
DIVISION OF SHELLFISH SANITATION
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Piankatank River, Upper Gloucester, Mathews, and Middlesex Counties Shoreline Sanitary Survey

Date: February 21, 2003

Survey Period: April 19, 2002 - September 13, 2002

Total Number of Properties Surveyed: 1,323

Surveyed By: J. M. Smither, R. M. Thomas, D. B. Geeson, and R. S. Morris

SECTION A: GENERAL

This survey area extends from Reference Point 36 at the Middlesex and Mathews county lines on the Piankatank river Bridge (state Rt. 3) to the section of U.S. Route 17 between Saluda and Glenss, including both sides of the Piankatank River between these two landmarks, Scoggins Creek, My Lady's Swamp, Meggs Bay, Courthouse Swamp, Zion Branch, the portion of Carvers Creek below Haines Pond, Harper Creek (including the lower portion of Foxes Creek and Gallaman swamp), Ferry Creek, Dancing Creek, Wadinger Creek, and all their tributaries.

The topography in this area varies from 5' or less along the shoreline to a maximum of 100' at the western edges of the survey boundary.

The economy of the area is dependent primarily on agriculture and recreation. Many area residents commute to jobs in other areas. Population is sparse to moderate in the area with the largest concentrations in the Town of Saluda and the Piankatank Shores subdivision.

Meteorological data indicated that 2.60" of rain fell April 19-30, 3.70" in May, 7.01" in June, 3.25" in July, 3.20" in August, 0.66" September 1-13, for a total rainfall of 20.42" for the survey period.

The area contains a shellfish processing plant. Nelson Seafood Company, VA-893RP. Owner: Terry Nelson, P.O. Box 43, Hudgins 23076. Business-commercial shellfish re-packing plant. Floor drains discharge into drainfield, which also serves owner's home.

The survey identified several properties of particular significance to shellfish sanitation control which are as follows:

SECTION B: SEWAGE POLLUTION SOURCES

SEWAGE TREATMENT FACILITIES

Rappahannock Community College, Glenss 23147. Public community college. 700 students, faculty, and staff. Aeration package sewage treatment plant with holding pond discharges chlorinated effluent to Dragon Run (0.018 MGD). This facility is located outside the currently revised survey boundary, but its discharge does impact this shellfish area. For further information, see engineering study.

The current restrictions on shellfish harvesting in this survey area are Condemned Shellfish Area # 76, Upper Piankatank River, revised June 6, 2000 and Area # 171, Upper Piankatank River, revised June 9, 1998. A copy of the current condemnation notices and maps are attached to the back of this report.

Report copies are provided to the local health department for corrective action of deficiencies listed on the summary page in Section B.2 and the Department of Environmental Quality, Water Regional Office for possible action at the properties listed on the summary page in sections C.1 and C.2. The Division of Soil and Water Conservation is provided information on possible sources of animal pollution found in Section E.

This report lists only those properties that have a sanitary deficiency or other environmental significance. **"DIRECT"** indicates that the significant activity or deficiency has a direct impact on shellfish waters. Individual field forms with full information on properties listed in this report are on file in the Richmond Office of the Division of Shellfish Sanitation and available for reference until superseded by a subsequent resurvey of the area.

ON-SITE SEWAGE DEFICIENCIES

1. CONTRIBUTES POLLUTION (kitchen or laundry wastes), **DIRECT** - Location, P.O. Box 156, Hartfield 23071. Owner: Evelyn L. Mcnamara. Dwelling- white cement block 1 story. No contact. Kitchen wastes discharge through a 2" PVC pipe into the Piankatank River. Sanitary Notice issued 3-22-02 to field #A4.
2. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), **DIRECT** – Location: 1586 Stampers Bay Road, Hartfield 23071. Occupant: Virginia Baptist Mission Board (Jeremy Jackson, Manager), P.O. Box 435, Hartfield 23071. Building- brown wood siding 1 story craft cabin with gray shingle roof. 1 person. Paint cleaning solvents and other sink wastes discharge through a 2" PVC pipe onto ground surface 70' from the Piankatank River at 30' elevation. Sanitary Notice issued 3-22-02 to field #A53.
5. CONTRIBUTES POLLUTION (Kitchen or Laundry Wastes), **DIRECT** - Location: 70 Bonnierville Lane, Hartfield 22703. Owner: Helen Robinson, P.O. Box 53, Hartfield, 23071. Dwelling- green wood siding 2 story with dark green shutters. 1 person. Kitchen and/or laundry wastes discharge through a 2" PVC pipe that drains to a marsh connecting the Piankatank River. Also observed was a 1 ½" metal pipe exiting side of house running parallel to PVC pipe with unknown destination. Sanitary Notice issued 6-28-02 to field #A142.
18. CONTRIBUTES POLLUTION, Location: 12476 Popular Trail, Gloucester. Owner: Albert Braswell, 23061. Dwelling - Gray vinyl 1 story with white shutters and trim. 2 persons. Drainfield erupting to surface. Sanitary Notice issued 7-12-02 to field # C152.
24. Occupant: Mathews Horse and Pony Club, Dutton Parcel A, Gloucester 23061. Owner: Jane B. Mitchem, P.O. Box 65, Cobbs Creek 23035. Dwelling – white vinyl siding 1 story. Two port-o-lets on property 25' from ditch at 80' elevation. Sanitary Notice issued 5-24-02 to field D-123.

POTENTIAL POLLUTION

6. CONTRIBUTES POLLUTION Location: 103 Lincoln Avenue, Hartfield 23071. Owner: Richard E. Dougherty, Jr., 1549 Laurel Springs Road, Spring Grove 23071. Dwelling- Brown cedar siding 1 and 2 story house sections. No contact. Cottage attached to pier has kitchen sink with unattached plumbing lines leading to the Piankatank River. No evidence of discharge at time of inspection
16. James L. Thomas 4124 Bremner Blvd, Richmond 23228. Dwelling – White frame one story duplex. No contact. Black 3" plastic pipe leading to ditch behind property.

SECTION C: NON-SEWAGE WASTE SITES

INDUSTRIAL WASTES

3. Occupant: "Doc" Jones Auto Parts. Owner: Clarence D. Jones, Route 3, Box 205, Hartfield 23071. Business- junkyard and auto parts business. 2 employees. Shop's washdown wastes (oil, battery acid, antifreeze, etc.) drain to holding tank which, when full overflows into a small lagoon. The owner monitors the lagoon daily for the presence of oil film as an indicator that the holding tank needs to be pumped. Currently operating under discharge permit #VAR540135 from the Department of Environmental Quality. The business is located ½ mile from the Piankatank River at 60' elevation.
17. Occupant: Pitts Lumber Company. Owner: James D. Pitts, P.O. Box 6 Saluda, 23149. Business-Sawmill and lumberyard. 10 employees. This company operates a wood preserving plant using Chromated arsenate water borne preservatives. The plant is designed and operated as a closed system to meet EPA and state effluent limitation guidelines of zero discharge for processing wastewater pollutants. Has VPDES permit #VA0083011 from the Department of Environmental Quality.

SOLID WASTE DUMPSITES

12. Occupant: Virginia Peninsula Public Service Authority, 371 Faraway Road, Saluda, 23149. Owner: Middlesex County, P.O. Box 428, Saluda, 23149. Public- Middlesex County Solid Waste Transfer Station. 4 Employees. Human sewage disposal is to a 1000 gallon holding tank, which is on a pump and haul contract with Tom's Septic Service. Segregated trash, engine oil, antifreeze and tires are taken to recycling centers. Unsegregated garbage, building materials, brush and light metal are compacted, loaded into containers and taken to the King and Queen County Landfill.

SECTION D: BOATING ACTIVITY

MARINAS

20. Freeport Marina, Rt. 2 Box 355, Gloucester, 23061. Owner: Jim Wesson. Grocery store and marina with 2 piers. 3 moorings; 32 dry storage spaces. Present at time of survey were 3 work boats under 26' at the pier. 26 pleasure boats under 26' were in dry storage. Boating services provided are fuel, water, electricity, and an in-out ramp. A 350-gallon gasoline above ground storage tank is located approximately 50' from high tide mark at 5' elevation. There is no berm around the tank. Sanitary facilities provided are 1 flush toilet and 1 lavatory for men; and 1 flush toilet and 1 lavatory for women. Sewage disposal is by septic tank with drainfield located 175' from high tide mark at 5' elevation, which appeared to be working satisfactorily at time of inspection. Has an exemption from boat holding tank pump-out facilities.

OTHER PLACES WHERE BOATS ARE MOORED

4. Schooner Point Pier, Mariners Woods, Route 3, Hartfield 23071. Community pier and ramp. No contact. 10 slips/moorings available. There were no boats present at time of survey. The only boating service provided is an in-out ramp. There are no solid waste containers, sanitary facilities, boat holding tank pump-out facilities or portable toilet dump station facilities available at this location.

7. Piankatank Shores Civic Association, Inc., c/o Michael A. Minnicino, President, P.O. Box 146, Hartfield 23071. Community pier, ramp and Recreation Area #3. 1 person. 12 slips/moorings available. Present at the time of survey was 1 boat under 26'. The only boating services provided are an in-out ramp. Containers are available for solid waste collection. Sanitary facilities consist of a single portable toilet (May to December only) which is emptied weekly by Trudy's Portable Toilets. There are no boat holding tank pump-out or portable toilet dump station facilities available at this location.
8. Piankatank Shores Civic Association, Inc., c/o Michael A. Minnicino, President, P.O. Box 146, Hartfield 23071. Community pier, ramp and Recreation Area #2. 1 person. 4 slips/moorings available. There were no boats present at the time of survey. The only boating service provided is an in-out ramp. Containers are available for solid waste collection. There are no sanitary facilities, boat holding tank pump-out facilities or portable toilet dump station facilities available at this location.
9. Piankatank Shores Civic Association, Inc., c/o Michael A. Minnicino, President, P.O. Box 146, Hartfield 23071. Community pier, ramp and Recreation Area #1. 1 person. 7 slips/moorings available. There were no boats present at the time of survey. The only boating service provided is an in-out ramp. Containers are available for solid waste collection. There are no sanitary facilities, boat holding tank pump-out facilities or portable toilet dump station facilities available at this location.
19. Thousand Trails Chesapeake Bay, 12041 Trails Lane, Gloucester, 23061. 12 slips/moorings. Present at time of survey were 2 pleasure boats under 26' at the pier, and 35 pleasure boats under 26' in dry storage. The only boating service provided is an in-out ramp. Sanitary facilities are available at the campground. There are no boat holding tank pump-out facilities provided at this location.
22. Chris Lett Campground, 7421 Wilson Farm Lane, Harcum 23061. Owner: Joyce G. Perkins, 9071 Cudlipp Avenue, Mechanicsville 23111. Marine facility for campground. No contact. 7 moorings/7 dry storage spaces. There were no boats present at time of survey. The only boating service provided is electricity. Solid waste containers are provided. Has variance for the requirement for sanitary facilities. Has an exemption from boat holding tank pump-out facilities

UNDER SURVEILLANCE

21. Deep Point Landing, End of Rt. 606, Harcum 23061. Owner: Commonwealth of Virginia, Dept. of Game and Inland Fisheries, 4010 W. Broad St., Richmond 23226. Public boat landing and pier. No contact. 2 slips. There were no boats present at time of survey. The only boating service provided is an in-out ramp. A solid waste container is provided. There are no sanitary facilities and no boat holding tank pump-out facilities provided at this location.

SECTION E: CONTRIBUTES ANIMAL POLLUTION

10. Direct – Gordon Robins, P.O. Box 221, Urbanna 23175. Dwelling – frame 1 ½ story cape cod. 0 person. Present at time of survey were 70 cattle, which have direct access to marsh. Manure is left on ground.
11. Carey Burrell, 1810 Stormont Road, Saluda 23149. Dwelling- White asbestos siding 1 ½ story with white shingle roof. 3 persons. Present at time of survey were 6 cattle in a fenced pasture 300' from ravine. Manure is left on ground.

13. Richard J. Erwin, 371 Faraway Road, Saluda 23149. Dwelling – Gray frame 1 story farmhouse. 5 persons. Present at time of survey were 10 horses in pasture. Manure is left on ground.
14. Joan L. Forrer, 102 Faraway Road, Saluda 23149. Dwelling – White vinyl 1 ½ story house with gray roof. 3 persons. Present at time of survey were 7 horses in pasture 15' from ditch. Manure is left on ground.
15. Donna Vaughn, 1316 Puller Memorial Highway, Saluda 23149. Dwelling – Gray doublewide trailer. 2 persons. Present at time of survey were 12 horses in a fenced pasture 1/10th of a mile from an intermittent stream. Manure is left on ground.
23. Location: Waterview Place, Gloucester 23061. Owner: April Daniel, P.O. Box 418, Hayes 23072. No contact. Present at time of survey were 5 horses in fenced pasture. Manure is left on ground.

SUMMARY

Area # 35
Upper Piankatank
February 21, 2003

SECTION B: SEWAGE POLLUTION SOURCES

1. SEWAGE TREATMENT WORKS

0 - DIRECT- None
0 - INDIRECT
0 - B.1. TOTAL

2. ON-SITE SEWAGE DEFICIENCIES

0 - CONTRIBUTES POLLUTION, DIRECT - NONE
1 - CONTRIBUTES POLLUTION, INDIRECT - #18
3 - CP (Kitchen or Laundry Wastes), DIRECT - #1, 3, 5
0 - CP (Kitchen or Laundry Wastes), INDIRECT - None
0 - NO FACILITIES, DIRECT - None
1 - NO FACILITIES, INDIRECT - #24
5 - B.2.TOTAL

3. POTENTIAL POLLUTION

2 - Potential Pollution - #6, 16
2 - B.3. TOTAL

SECTION C: NON-SEWAGE WASTE SITES

1. INDUSTRIAL WASTE SITES

0 - DIRECT - None
2 - INDIRECT - #2, 17
2 - C.1. TOTAL

2. SOLID WASTE SITES

0 - DIRECT - None
1 - INDIRECT - #12
1 - C.2. TOTAL

SECTION D: BOATING ACTIVITY

1 - MARINAS - #20
6 - OTHER PLACES WHERE BOATS ARE MOORED- #4, 7, 8, 9, 19, 22
1 - UNDER SURVEILLANCE - #21
8 - D. TOTAL

SECTION E: CONTRIBUTES ANIMAL POLLUTION

1 - DIRECT - #10
5 - INDIRECT - #11, 13, 14, 15, 23
6 - E.TOTAL

Virginia Department of Health
Division of Shellfish Sanitation

Piankatank River, Upper
35
Shoreline Sanitary Survey

Middlesex, Gloucester
and Mathews County

Date: February 21, 2003
Survey By: J.M. Smither, R.M. Thomas,
D.B. Geeson, and R.S. Morris
Number of Properties Surveyed: 1323



0 0.25 0.5 1 1.5
Miles

Legend

- Sampling Station - New
- Sampling Station - Historical
- Sewered areas
- DGIF Boat Ramps
- Shoreline Survey Deficiencies**
- Sewage Treatment Facility - Direct
- Sewage Treatment Facility - Indirect
- Contributes Pollution - Direct
- Contributes Pollution - Indirect
- Contributes Pollution (Kitchen or Laundry wastes) - Direct
- Contributes Pollution (Kitchen or Laundry wastes) - Indirect
- No Facilities - Direct
- No Facilities - Indirect
- Potential Pollution
- Industrial Wastes, Direct
- Industrial Wastes, Indirect
- Solid Waste Dumpsite - Direct
- Solid Waste Dumpsite - Indirect
- Boating Activity
- Contributes Animal Pollution - Direct
- Contributes Animal Pollution - Indirect